

AMENDMENTS TO THE CLAIMS

1. (original) Method for manufacturing a crystalline powder of a composite lithium and vanadium oxide with formula $\text{Li}_{1+x}\text{V}_3\text{O}_8$, where x is between 0 and 0.2, comprising:
 - formation of an aqueous suspension starting from an NH_4VO_3 paste and monohydrated lithia powder,
 - continuous dehydration of this suspension in a hot gas current at a temperature of between 200 and 600°C to form a dry powder of a precursor with a size grading of between 10 and 100 μm ,
 - calcination of this precursor at a temperature of between 380 and 580°C to form a crystalline powder of $\text{Li}_{1+x}\text{V}_3\text{O}_8$.
2. (currently amended) Method according to claim 1, ~~characterised in that~~ wherein the suspension is stirred before being injected into the hot gas current.
3. (currently amended) Method according to ~~either of claim[[s]] 1 and 2, characterised in that~~ wherein the size grading of the final product is between 10 and 100 μm .
4. (currently amended) Method according to ~~any of claim[[s]] 1 to 3, characterised in that~~ wherein the NH_4VO_3 paste is a high purity paste obtained by making VOCl_3 react with NH_4OH .

Please add the following new claims:

5. (new) Method according to claim 2, wherein the size grading of the final product is between 10 and 100 μm .
6. (new) Method according to claim 2, wherein the NH_4VO_3 paste is a high purity paste obtained by making VOCl_3 react with NH_4OH .
7. (new) Method according to claim 3, wherein the NH_4VO_3 paste is a high purity paste obtained by making VOCl_3 react with NH_4OH .
8. (new) A crystalline powder produced by a method of claim 1.

9. (new) A crystalline powder produced by a method of claim 2.
10. (new) A crystalline powder produced by a method of claim 3.
11. (new) A crystalline powder produced by a method of claim 4.
12. (new) An electrode suitable for a lithium rechargeable battery comprising a powder of claim 8.
13. (new) An electrode suitable for a lithium rechargeable battery comprising a powder of claim 9.
14. (new) An electrode suitable for a lithium rechargeable battery comprising a powder of claim 10.
15. (new) An electrode suitable for a lithium rechargeable battery comprising a powder of claim 11.
16. (new) A battery comprising a powder of claim 8.
17. (new) A battery comprising a powder of claim 9.
18. (new) A battery comprising a powder of claim 10.
19. (new) A battery comprising a powder of claim 11.
20. (new) A $\text{Li}_{1+x}\text{V}_3\text{O}_8$ crystallized powder having a size from 10 to 100 μm that has been prepared without filtration of a gel.